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# BOROUGH OF CHRISTCHURCH



## ANNUAL REPORT

on the

Health of the Borough

for the year

1962



BOROUGH OF CHRISTCHURCH

A N N U A L      R E P O R T

ON THE

HEALTH OF THE BOROUGH

FOR THE YEAR

1962

by

D.J.N. McNAB, V.R.D., M.B., Ch.B., D.P.H.  
Medical Officer of Health

and

F. Le V. FRIEND, S.R.N., M.R.S.H., M.A.P.H.I., M.R.I.P.H.H.  
Chief Public Health Inspector and Cleansing  
Superintendent

HEALTH COMMITTEE, 1962

Alderman Miss E.I. Padwick (Chairman)

His Worship the Mayor Councillor Barrington Myers

Alderman J. Vaughan

Councillor R. Affleck

Councillor J.R. Bell

Councillor P.N. Brand

Councillor W.G. Crockford (June - December, 1962)

Councillor A.J.T. Griffiths (June - December, 1962)

Councillor K.L. Smith

Councillor D.S.J. Stacey (January - May, 1962)

Councillor T. Staniforth (January - May, 1962)

Councillor Mrs. I.A. Stevenson

PUBLIC HEALTH DEPARTMENT

Medical Officer of Health

D.J.N. McNAB, V.R.D., M.B., Ch.B., D.P.H.

Also Medical Officer of Health of the Rural District of Ringwood and Fordingbridge and Borough of Lymington and an Assistant County Medical Officer for the County of Hampshire

Address: Druitt Buildings, Christchurch, Hants.

Telephone No. Christchurch 900.

Chief Public Health Inspector and Cleansing Superintendent:

F. Le V. Friend, S.R.N., M.R.S.H., M.A.P.H.I., M.R.I.P.H.H.

Additional Public Health Inspectors:

D.J. Cartridge, Cert. S.I.B., M.A.P.H.I.

A.F. Saunders, Cert. S.I.B., M.A.P.H.I.

BOROUGH OF CHRISTCHURCH

R E P O R T

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1962

TO THE MAYOR, ALDERMEN AND COUNCILLORS  
OF THE BOROUGH OF CHRISTCHURCH.

I submit for your information and consideration my sixteenth Annual Report on the health and sanitary circumstances of your Borough.

As an integral part of this Report there follows the report of the Chief Public Health Inspector on those sections of the work of the Health Department with which he is specially concerned.

NATURAL AND SOCIAL CONDITIONS:

The Borough lies in the extreme south west corner of the Administrative County of Hampshire at the confluence of the rivers Avon and Stour. It encircles most of the land locked Christchurch Harbour, a shallow tidal basin popular with yachtsman and nature lovers, and extends to the east to include the seaside resort of Highcliffe where many go to live on retirement. With Bournemouth on the one side, and the New Forest close by, the town has much to offer.

The population has risen steadily in the post war years and continues to do so, there has in fact been a 60% increase since the end of the War, almost entirely by immigration.

Sources of employment are varied but the closure of the town's largest factory in the middle of the year, and failure to find a new tenant, has caused much anxiety.

RAINFALL FOR 1962:

|            |    | <u>Ins.</u> |            |    | <u>Ins.</u> |
|------------|----|-------------|------------|----|-------------|
| January .. | .. | 4.10        | July ..    | .. | .83         |
| February.. | .. | .23         | August ..  | .. | 2.92        |
| March ..   | .. | 1.49        | September. | .. | 2.93        |
| April ..   | .. | 1.36        | October .. | .. | 1.05        |
| May ..     | .. | 1.78        | November.. | .. | 2.80        |
| June ..    | .. | .24         | December.. | .. | 2.61        |

TOTAL: 22.34 ins.

GENERAL STATISTICS:

Area: 4,807 acres (Census 1961)

Population: Registrar-General's estimate for mid year 1962:  
26,640.

Number of inhabited houses: 9,079.

Rateable Value: 31.3.62: £453,720.

Sum represented by a penny rate: £1,821. 9s. 6d.

VITAL STATISTICS FOR 1962: (as supplied by the Registrar-General)

|                     | <u>Total</u> | <u>Male</u> | <u>Female</u> | <u>Borough of</u><br><u>Christchurch</u> | <u>England and</u><br><u>Wales</u> |
|---------------------|--------------|-------------|---------------|------------------------------------------|------------------------------------|
| <u>LIVE BIRTHS:</u> |              |             |               |                                          |                                    |
| Total               | 337          | 164         | 173           |                                          |                                    |
| Legitimate          | 321          | 160         | 161           |                                          |                                    |
| Illegitimate        | 16           | 4           | 12            |                                          |                                    |

LIVE BIRTH RATE: (Comparability factor 0.98)

|                                    |    |      |      |
|------------------------------------|----|------|------|
| per 1,000 population ..            | .. | 12.6 | 18.0 |
| after application of comparability |    |      |      |
| factor..                           |    | 12.4 |      |

|  | <u>Total</u> | <u>Male</u> | <u>Female</u> | <u>Borough of Christchurch</u> | <u>England &amp; Wales</u> |
|--|--------------|-------------|---------------|--------------------------------|----------------------------|
|--|--------------|-------------|---------------|--------------------------------|----------------------------|

### ILLEGITIMATE LIVE BIRTHS:

per cent of total live births ... 4.7%

### STILL BIRTHS:

|               |   |   |   |
|---------------|---|---|---|
| Total .. ..   | 2 | 1 | 1 |
| Legitimate .. | 2 | 1 | 1 |
| Illegitimate. | - | - | - |

### STILL BIRTH RATE:

per 1,000 total (live & still) births .. 5.9 18.1

TOTAL LIVE AND STILL BIRTHS: 339

### INFANT DEATHS:

#### Deaths under one year of age

|               |   |   |   |
|---------------|---|---|---|
| Total .. ..   | 4 | 2 | 2 |
| Legitimate .. | 3 | 2 | 1 |
| Illegitimate. | 1 | - | 1 |

#### Deaths under 4 weeks of age

|               |   |   |   |
|---------------|---|---|---|
| Total .. ..   | 3 | 2 | 1 |
| Legitimate .. | 2 | 2 | - |
| Illegitimate. | 1 | - | 1 |

#### Deaths under 1 week of age

|               |   |   |   |
|---------------|---|---|---|
| Total .. ..   | 3 | 2 | 1 |
| Legitimate .. | 2 | 2 | - |
| Illegitimate. | 1 | - | 1 |

### INFANT MORTALITY RATE:

per 1,000 live births - Total .. .. 11.9 21.4  
per 1,000 live births - Legitimate .. 9.3  
per 1,000 live births - Illegitimate .. 62.5

|                                                 | <u>Total</u> | <u>Male</u> | <u>Female</u> | <u>Borough of<br/>Christchurch</u> | <u>England &amp;<br/>Wales</u> |
|-------------------------------------------------|--------------|-------------|---------------|------------------------------------|--------------------------------|
| <u>NEONATAL MORTALITY RATE:</u>                 |              |             |               |                                    |                                |
| (Deaths under 4 weeks)                          |              |             |               |                                    |                                |
| per 1,000 live births                           | ..           | ..          |               | 8.9                                | 15.1                           |
| <u>EARLY NEONATAL MORTALITY RATE:</u>           |              |             |               |                                    |                                |
| (Deaths under 1 week)                           |              |             |               |                                    |                                |
| per 1,000 live births                           | ..           | ..          |               | 8.9                                |                                |
| <u>PERINATAL MORTALITY RATE:</u>                |              |             |               |                                    |                                |
| (Stillbirths and Deaths under 1 week combined)  |              |             |               |                                    |                                |
| per 1,000 total (live & still) births           |              |             |               | 14.7                               |                                |
| <u>MATERNAL DEATHS:</u> (Including abortion)    |              |             |               | Nil                                |                                |
| <u>MATERNAL MORTALITY RATE:</u>                 |              |             |               |                                    |                                |
| per 1,000 total (live and still) births         |              |             |               | Nil                                | 0.35                           |
| <u>DEATHS:</u>                                  | 402          | 202         | 200           |                                    |                                |
| <u>DEATH RATE:</u> (Comparability factor 0.86)  |              |             |               |                                    |                                |
| per 1,000 population                            | ..           | ..          |               | 15.1                               | 11.9                           |
| after application of comparability<br>factor .. |              |             |               | 13.0                               |                                |
| <u>SPECIAL CAUSES:</u>                          |              |             |               |                                    |                                |
| <u>Death rate per 1,000 population</u>          |              |             |               |                                    |                                |
| Tuberculosis                                    | ..           | ..          |               | 0.07                               | 0.07                           |
| Pneumonia                                       | ..           | ..          |               | 1.16                               | 0.68                           |
| Influenza                                       | ..           | ..          |               | 0.07                               | 0.07                           |
| Cancer (lung and bronchus)                      |              |             |               | 0.45                               | 0.51                           |
| Cancer (all causes)                             | ..           |             |               | 2.33                               | 2.17                           |

CAUSES OF DEATH:

|                                             | Males | Females |
|---------------------------------------------|-------|---------|
| 1. Tuberculosis, respiratory .. ..          | 2     | -       |
| 2. Tuberculosis, other .. ..                | -     | -       |
| 3. Syphilitic disease .. ..                 | -     | 2       |
| 4. Diphtheria .. ..                         | -     | -       |
| 5. Whooping Cough .. ..                     | -     | -       |
| 6. Meningococcal infection .. ..            | -     | -       |
| 7. Acute Poliomyelitis .. ..                | -     | -       |
| 8. Measles .. ..                            | -     | -       |
| 9. Other infective and parasitic diseases   | -     | -       |
| 10. Malignant neoplasm, stomach.. ..        | 6     | 7       |
| 11. Malignant neoplasm, lung, bronchus..    | 8     | 4       |
| 12. Malignant neoplasm, breast .. ..        | -     | 7       |
| 13. Malignant neoplasm, uterus .. ..        | -     | 2       |
| 14. Other malignant and lymphatic neoplasms | 17    | 11      |
| 15. Leukaemia, aleukaemia. .. ..            | 1     | 1       |
| 16. Diabetes .. ..                          | 1     | 1       |
| 17. Vascular lesions of nervous system..    | 23    | 34      |
| 18. Coronary disease, angina .. ..          | 58    | 31      |
| 19. Hypertension with heart disease ..      | 4     | 2       |
| 20. Other heart disease .. ..               | 18    | 35      |
| 21. Other circulatory disease .. ..         | 12    | 7       |
| 22. Influenza .. ..                         | -     | 2       |
| 23. Pneumonia .. ..                         | 17    | 14      |
| 24. Bronchitis .. ..                        | 9     | 6       |
| 25. Other diseases of respiratory system    | 2     | 3       |
| 26. Ulcer of stomach and duodenum ..        | 3     | 1       |
| 27. Gastritis, enteritis and diarrhoea..    | 2     | 1       |
| 28. Nephritis and Nephrosis .. ..           | 1     | 2       |
| 29. Hyperplasia of prostate .. ..           | 2     | -       |
| 30. Pregnancy, childbirth, abortion ..      | -     | -       |
| 31. Congenital malformations .. ..          | -     | 4       |
| 32. Other defined and ill-defined diseases  | 7     | 16      |
| 33. Motor vehicle accidents .. ..           | 1     | 1       |
| 34. All other accidents .. ..               | 3     | 2       |
| 35. Suicide .. ..                           | 5     | 4       |
| 36. Homicide and operations of war ..       | -     | -       |
| TOTAL (All causes)                          | 202   | 200     |

COMPARATIVE VITAL STATISTICS:

| Year | Population | Borough of Christchurch |      |       | England and Wales |      |      |
|------|------------|-------------------------|------|-------|-------------------|------|------|
|      |            | I.M.R.                  | B.R. | D.R.  | I.M.R.            | B.R. | D.R. |
| 1929 | 8,728      | 49.0                    | 18.6 | 11.1  | 74                | 16.3 | 13.4 |
| 1932 | 11,250     | 62.5                    | 17.0 | 11.3  | 65                | 15.3 | 12.0 |
| 1936 | 13,080     | 53.1                    | 15.8 | 12.2  | 59                | 14.8 | 12.1 |
| 1940 | 15,330     | 24.7                    | 13.1 | 12.8  | 55                | 14.6 | 14.3 |
| 1944 | 14,810     | 30.0                    | 22.3 | 14.2  | 46                | 17.6 | 11.6 |
| 1948 | 19,190     | 16.0                    | 16.1 | 11.25 | 34                | 17.9 | 10.8 |
| 1952 | 21,290     | 21.9                    | 14.9 | 11.03 | 27.6              | 15.3 | 11.3 |
| 1956 | 23,140     | 22.6                    | 13.4 | 13.3  | 23.8              | 15.7 | 11.7 |
| 1958 | 24,300     | 14.6                    | 14.0 | 14.1  | 22.5              | 16.4 | 11.7 |
| 1959 | 24,890     | 17.3                    | 13.9 | 16.1  | 22.0              | 16.5 | 11.6 |
| 1960 | 25,580     | 25.8                    | 13.6 | 14.3  | 21.7              | 17.1 | 11.5 |
| 1961 | 26,110     | 20.7                    | 12.9 | 13.9  | 21.4              | 17.4 | 12.0 |
| 1962 | 26,640     | 11.9                    | 12.6 | 15.1  | 21.4              | 18.0 | 11.9 |

CENSUS 1961:

The complete report of the 1961 Census is not yet available but some figures relating to population and population densities have been published. As these are of considerable interest in showing the growth of the town, and particularly the wards, they are reproduced herewith. Further comment on the Census will be made when the full County Report is published.

CENSUS 1961:

| Area                     | Acreage | Population |         |        |         |                  | Private households and dwellings, 1961 |                       |                                                |
|--------------------------|---------|------------|---------|--------|---------|------------------|----------------------------------------|-----------------------|------------------------------------------------|
|                          |         | 1951       | 1961    |        |         |                  | Private households                     | Density of occupation |                                                |
|                          |         | Persons    | Persons | Males  | Females | Persons per acre |                                        | Persons per room      | Percentage of persons at more than 1½ per room |
| <u>CHRISTCHURCH M.B.</u> | 4,807   | 20,488     | 26,336  | 12,173 | 14,163  | 5.5              | 8,910                                  | 0.64                  | 3.4                                            |
| Wards:                   |         |            |         |        |         |                  |                                        |                       |                                                |
| Central                  | 512     | 5,927      | 5,259   | 2,460  | 2,799   | 10.3             | 1,873                                  | 0.59                  | 2.4                                            |
| Highcliffe               | 1,257   | 3,153      | 5,190   | 2,324  | 2,866   | 4.1              | 1,919                                  | 0.58                  | 3.4                                            |
| Jumpers                  | 1,357   | 5,502      | 5,743   | 2,600  | 3,143   | 4.2              | 1,972                                  | 0.61                  | 1.3                                            |
| Mudford                  | 719     | 2,239      | 3,673   | 1,642  | 2,031   | 5.1              | 1,302                                  | 0.60                  | 3.2                                            |
| Somerford                | 962     | 3,667      | 6,471   | 3,147  | 3,324   | 6.7              | 1,834                                  | 0.79                  | 6.0                                            |

### NOTIFIABLE DISEASE:

The incidence of notifiable disease was extremely low.

There have now been two successive years with a low incidence of Measles and a substantial rise can therefore be expected in 1963.

| Disease        |    |    | Number notified |
|----------------|----|----|-----------------|
| Scarlet Fever  | .. | .. | 2               |
| Measles        | .. | .. | 71              |
| Pneumonia      | .. | .. | 12              |
| Erysipelas.    | .. | .. | 1               |
| Food Poisoning | .. | .. | 1               |
| Dysentery..    | .. | .. | 2               |

### TUBERCULOSIS:

|                              | <u>Pulmonary</u> |           | <u>Non-Pulmonary</u> |           | <u>Total</u> |
|------------------------------|------------------|-----------|----------------------|-----------|--------------|
|                              | <u>M.</u>        | <u>F.</u> | <u>M.</u>            | <u>F.</u> |              |
| No. on Register at 31.12.62. | 154              | 110       | 15                   | 21        | 300          |
| No. of new notifications     | 3                | -         | -                    | -         | 3            |
| Transfers from other areas   | 5                | 10        | -                    | -         | 15           |
| Deaths.                      | 2                | -         | -                    | -         | 2            |

### FOOD POISONING:

The one case of food poisoning reported was in a private house and almost certainly infected there. Bacteriological confirmation was not obtained owing to delay in reporting the case.

Several outbreaks of diarrhoea and vomiting were reported as food poisoning, but on investigation all seemed to be attacks of epidemic vomiting and diarrhoea prevalent in the area at the time.

## LUNG CANCER:

Twelve deaths occurred as the result of lung cancer, six less than last year's record total. Twelve per annum is about the average number of deaths in this town in recent years from this self inflicted disease. The national lung cancer death rate continues to rise year by year, during 1962, 970 more people died of it than in 1961, making a total of 23,779.

There must be few responsible adults now who are not aware of the relationship between cigarette smoking and lung cancer and, increasingly, as time goes by, most of us will watch a friend or a relative die of this supremely unpleasant disease. Perhaps only then will it be impressed on us that cigarette smoking can be a fatal addiction, the kind of habit we should like our children to avoid. Not until then will they get the example they require of abstinence by their elders. Talks, films, posters, directed at the young have little effect so long as their elders show no sign of changing their smoking habits.

## GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA:

### 1. Laboratory Facilities.

The Borough is very well served by the Public Health Laboratory at Boscombe, which is under the direction of Dr. G.J.G. King.

The following list of specimens from the area, examined at the Laboratory during the year, has been kindly supplied by the Director.

|                  |    |    |           |
|------------------|----|----|-----------|
| Nose and Throat  | .. | .. | 18        |
| Faeces and Urine | .. | .. | 30        |
| Ice Cream        | .. | .. | 249       |
| Water            | .. | .. | 13        |
| Food             | .. | .. | 7         |
| Other Sanitary   | .. | .. | <u>65</u> |

382

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## 2. Hospitals.

Christchurch Hospital - acute and chronic.  
A progressive scheme of modernisation is in force.

The majority of patients from the Borough requiring hospital treatment go to the Royal Victoria Hospital, Bournemouth.

Cases of infectious disease are treated at Alderney Hospital, Poole.

## 3. Tuberculosis.

The Chest Clinic is now held in a new building erected in the grounds of Christchurch Hospital. The Chest Physician, Dr. Stuart Robertson, holds a joint appointment with the Regional Hospital Board and the County Council. Dr. Robertson is also Director of the Bournemouth Mass Radiography Unit, and he has kindly supplied the Mass Radiography details which follow.

A voluntary Care and After Care Committee covers the area served by the Christchurch Clinic i.e. the Boroughs of Christchurch and Lymington, the Rural District of Ringwood and Fordingbridge, and a small part of New Forest Rural District. The Committee, under the Chairmanship of Lady Manners is widely representative and much devoted work is carried out, both in the collection of funds and in personal service to patients.

Mass Radiography.

Surveys carried out in 1962.

35 mm Unit

|                        | <u>Adults</u> |                | <u>Schoolchildren</u> |                | <u>Total</u> |
|------------------------|---------------|----------------|-----------------------|----------------|--------------|
|                        | <u>Males</u>  | <u>Females</u> | <u>Males</u>          | <u>Females</u> |              |
| Wormsley Hotel         | 187           | 244            | 9                     | 6              | 446          |
| Wormsley               | 206           | 348            | 12                    | 7              | 573          |
| Wormsley Church Centre | 540           | 813            | 80                    | 86             | 1519         |
| Wormsleycliffe         | 231           | 335            | 4                     | 4              | 574          |
|                        | 1164          | 1740           | 105                   | 103            | 3112         |

Statistics

TABLE I

The following table gives briefly the main results:

|                                     |            |
|-------------------------------------|------------|
| Recalled for large film examination | 28 (0.09%) |
| Recalled for clinical examination   | 15 (0.05%) |
| Referred to Chest Clinic            | 13 (0.04%) |
| (a) probably tuberculous            | 4 (0.01%)  |
| (b) probably non-tuberculous        | 9 (0.03%)  |
| Referred to doctor or hospital      | 3 (0.01%)  |

TABLE II (a)

Number referred to the appropriate Chest Clinic as probably tuberculous: 4.

|                                       | <u>Male</u> | <u>Female</u> | <u>Total</u> |
|---------------------------------------|-------------|---------------|--------------|
| 1. Tuberculosis requiring supervision | 1           | 1             | 2            |
| 2. Carcinoma of lung                  | 1           | 1             | 2            |

TABLE II (b)

| <u>Non-tuberculous cases</u>        | Referred to Chest Clinic |               | 9            |
|-------------------------------------|--------------------------|---------------|--------------|
|                                     | Referred to Doctor       |               | 3            |
|                                     | <u>Male</u>              | <u>Female</u> | <u>Total</u> |
| 1. Cardiovascular lesions           | -                        | 1             | 1            |
| 2. Other non-tuberculous conditions | 6                        | 5             | 11           |

100 mm Unit

|                                            | <u>Adults</u> |                | <u>Schoolchildren</u> |                | <u>Total</u> |
|--------------------------------------------|---------------|----------------|-----------------------|----------------|--------------|
|                                            | <u>Males</u>  | <u>Females</u> | <u>Males</u>          | <u>Females</u> |              |
| Christchurch General Practitioner Sessions | 369           | 298            | 20                    | 23             | 710          |
| Scintillex Ltd., Christchurch              | 19            | 82             | -                     | -              | 101          |
| Silver City Airways, Hurn                  | 61            | 11             | -                     | -              | 72           |
| Christchurch Hospital (Staff)              | 56            | 165            | -                     | -              | 221          |
| Penny & Giles Ltd., Christchurch           | 71            | 16             | -                     | -              | 87           |
|                                            | 576           | 572            | 20                    | 23             | 1191         |

Cases referred for investigation

|                                                     | <u>Males</u> | <u>Females</u> | <u>Total</u> |
|-----------------------------------------------------|--------------|----------------|--------------|
| 1. Active tuberculosis requiring hospital treatment | 1            | -              | 1            |
| 2. Tuberculosis requiring occasional supervision    | 2            | 1              | 3            |
| 3. Cardiovascular lesions                           | 5            | 1              | 6            |
| 4. Carcinoma of lung                                | 3            | 1              | 4            |
| 5. Other non-tuberculous conditions                 | 13           | 7              | 20           |
|                                                     | 24           | 10             | 34           |

## SERVICES PROVIDED BY THE COUNTY COUNCIL.

### 1. Ambulance Service.

The area Ambulance Service is run from a main station at "Hillcroft," New Street, Lymington. There are sub-stations at Christchurch, Ringwood and New Milton and all ambulances are under wireless control. In order to ensure the effective use of the available vehicles, all requests for service have to be made to the main station-Telephone Lymington 2331.

### 2. Nursing Services

The Nursing and Midwifery Service is administered locally by the District Health Sub-Committee.

Details of Nurses and their areas:-

| <u>District served</u>                                                     | <u>Name and address</u>                                                                         | <u>Service</u>             |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------|
| Christchurch<br>(excluding Purewell,<br>Mudeford and part of<br>Somerford) | Miss M. Ellwood,<br>2, Rothesay Drive,<br>Highcliffe,<br>Christchurch.<br>Tel. Highcliffe 3426. | MIDWIFE                    |
| Purewell, Mudeford<br>and part Somerford                                   | Miss E. Mitchell,<br>17, Stanpit,<br>Christchurch.<br>Tel. Christchurch 1204                    | DISTRICT NURSE/<br>MIDWIFE |
| Christchurch<br>(Part)                                                     | Mrs. Gutheridge,<br>36, Walcott Avenue,<br>Christchurch.<br>Tel. Christchurch 729               | DISTRICT NURSE             |
| (Part)                                                                     | Miss D.H. Powell,<br>83, The Grove,<br>Christchurch.<br>Tel. Christchurch 1967                  | DISTRICT NURSE             |
| (Part)                                                                     | Miss K. Ella,<br>13, Edward Road,<br>Christchurch.<br>Tel. Christchurch 2225                    | DISTRICT NURSE             |

| <u>District served</u>                                                   | <u>Name and address</u>                                                                               | <u>Service</u>                                   |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Christchurch                                                             | Mrs. E.G. Sprackland,<br>12, Carisbrooke Way,<br>Highcliffe,<br>Christchurch.<br>Tel. Highcliffe 2433 | DISTRICT NURSE<br>(part-time relief)             |
| Christchurch                                                             | Mrs. W.M.L. Jones,<br>77, Jumpers Road,<br>Christchurch.<br>Tel. Christchurch 383                     | MIDWIFE<br>(part-time relief)                    |
| Attached to<br>Dr. Parker Williams,<br>Dr. Falkner Lee and<br>Dr. Brooks | Mrs. I. Sherwood,<br>2, Bracken Way,<br>Highcliffe,<br>Christchurch.<br>Tel. Highcliffe 3282          | DISTRICT NURSE/<br>MIDWIFE                       |
| Attached to<br>Dr. Parker Williams,<br>Dr. Falkner Lee and<br>Dr. Brooks | Miss K.I. Webb,<br>58, Dorset Road,<br>Somerford,<br>Christchurch.<br>Tel. Christchurch 2340          | DISTRICT NURSE/<br>MIDWIFE AND<br>HEALTH VISITOR |

#### Health Visitors.

|                                                               |                                                                                                                      |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Christchurch West<br>(and attached to<br>Drs. Carr and Wyatt) | Mrs. M.A. Tate,<br>3, Warren Edge Road,<br>Southbourne,<br>Bournemouth.<br>Tel. Bournemouth 47407                    |
| Christchurch East                                             | Miss E.M. Gibbs,<br>4, Sandy Lane,<br>Christchurch.<br>Tel. Christchurch 2015                                        |
| Somerford and<br>Purewell                                     | Miss E. Sheldon,<br>"Staveley",<br>Colehill,<br>Winborne.<br>Tel. Wimborne 598                                       |
| Highcliffe                                                    | Mrs. P.M. Hogridge,<br>Wessex House,<br>237, Lymington Road,<br>Highcliffe,<br>Christchurch.<br>Tel. Highcliffe 3276 |

### 3. Home Help Service.

The Home Help Service is administered locally by the District Health Sub-Committee.

The Divisional Organiser is Miss M.P. Stevens, Druitt Buildings, Christchurch. Telephone: Christchurch 900.

### 4. Child Welfare Clinics.

| <u>Child Welfare Centre</u> | <u>Place</u>                                   | <u>Time</u>                                   |
|-----------------------------|------------------------------------------------|-----------------------------------------------|
| Christchurch                | County Council Health Centre, Millhams Street. | Every Tuesday 10 a.m. and 2 p.m.              |
| Somerford                   | Social Centre, Southey Road.                   | Every Wednesday at 2.30 p.m.                  |
| Highcliffe                  | St. Mark's Hall                                | First and Third Fridays in month at 2.30 p.m. |

### 5. School Health Service.

School medical inspections are carried out periodically by Assistant County Medical Officers and Health Visitors.

Minor ailment and special clinics are held at the Millhams Street Health Centre.

### 6. Smallpox Vaccination.

This is carried out free of charge by family doctors and at Child Welfare Clinics. The records are maintained by the County Medical Officer. Family doctors may, and normally do, charge for certificates of vaccination.

1,748 primary vaccinations and 2,660 revaccinations were reported. These extraordinary figures were the result of the public alarm engendered by the outbreak of smallpox in Bradford and South Wales in the early part of the year. The proportion of babies under one year who were vaccinated was 89.9%, the highest percentage in the County and by far the highest figure ever reached in this District. The County average was 63.2%.

## 7. Immunisation against Diphtheria and Whooping Cough.

The scheme is administered locally and the records maintained by your Medical Officer of Health on behalf of the County Medical Officer. Treatment is carried out by family doctors and, at Child Welfare Clinics and schools, by Assistant County Medical Officers.

There was a considerable reduction in the number of primary immunisations carried out, as compared with last year's record total. This is perhaps not surprising in the light of the smallpox vaccination figures.

The number of refresher doses, the majority of which are carried out at school, was well maintained.

|                                                                     |                             |
|---------------------------------------------------------------------|-----------------------------|
| Immunisations completed under 5 years of age.....                   | 255                         |
| "                  "      over 5      "      "      "      .....    | <u>35</u>                   |
|                                                                     | 290                         |
|                                                                     | <hr/>                       |
| Refresher Doses.....                                                | 511                         |
| Immunisation against Whooping Cough alone.....                      | Nil                         |
| Proportion of children born in previous 12 months<br>immunised..... | 72.1%                       |
|                                                                     | (County average)..... 77.8% |

## 8. Polio myelitis Vaccination.

The scheme is administered locally and the records maintained by your Medical Officer of Health on behalf of the County Medical Officer. Treatment is largely carried out by family doctors. Treatment is also given by Assistant County Medical Officers at Child Welfare Clinics.

In March, Sabin type oral polio vaccine became available and it has progressively replaced the original Salk injected vaccine. It possesses a number of advantages, including an improved and more lasting immunity; it is also naturally more acceptable to the recipient. The continued fall in the national incidence of polio myelitis is a striking tribute to its efficacy.

1962.

SALK VACCINE

|                                                    |     |
|----------------------------------------------------|-----|
| Number who received primary course of 2 doses..... | 132 |
| Number who received third doses.....               | 228 |
| Number who received fourth doses.....              | 21  |

ORAL VACCINE.

|                                             |     |
|---------------------------------------------|-----|
| Number who received three doses.....        | 226 |
| Number who received re-inforcing doses..... | 985 |

SCHOOLS:

The tendency for an increasing number of children to remain at our Secondary Schools for a full five years has continued. The majority of such children are seeking some form of certificate of education which will benefit them in their future careers. As a result our Secondary Schools are full and further extensions at Twynham will shortly commence.

The first phase of the new Christchurch Grammar School was completed at the end of the year, and the school occupied in February 1963.

The new Junior School in Highcliffe came into use in May.

WATER:

Christchurch is supplied with water by the West Hampshire Water Company whose works are situated within the Borough. The company, in addition, supplies part of Bournemouth, the whole of the Rural District of Ringwood and Fordingbridge, part of the New Forest Rural District and part of the Borough of Lymington. Partially treated water in bulk is also pumped to the oil refinery at Fawley.

The raw water is drawn from the River Avon at Christchurch and treated by rapid and slow sand filtration and super chlorination. In addition the company has a source of supply from deep boreholes in the chalk at Hale Park, some 16 miles north of Christchurch near the Wiltshire border. This supply serves Ringwood and Fordingbridge Rural District and also supplements the supply in Christchurch.

Raw and treated waters are examined daily at the Company's own water testing laboratory which is in charge of a qualified chemist and bacteriologist. In addition, periodic independent samples are sent to an outside laboratory.

The supply of water to the consumer is constant, of moderate hardness, free from plumbo solvent action, and entirely free from metals.

The Company's records show 9,212 separately assessed domestic dwellings to be supplied from their mains in Christchurch. No standpipes are in use.

A typical result of an examination of the treated water is shown below:-

THE COUNTIES PUBLIC HEALTH LABORATORIES

ANALYSIS OF A SAMPLE OF WATER received on 18.6.62  
from WEST HAMPSHIRE WATER COMPANY

Chemical Results in parts per million

Appearance: Bright with particles.  
Turbidity: less than 3.  
Colour: 6. Odour: Nil.  
pH: 7.7 Free Carbon Dioxide: 7.  
Electric Conductivity: 410. Dissolved Solids dried at 180°C: 285.  
Chlorine present as Chloride: 18. Alkalinity as Calcium Carbonate: 180.  
Hardness: Total. 215. Carbonate: 180. Non-carbonate: 35.  
Nitrate Nitrogen: 2.3 Nitrite Nitrogen: absent.  
Ammoniacal Nitrogen: 0.031. Oxygen absorbed: 0.60.  
Albuminoid Nitrogen: 0.063. Residual Chlorine: 0.14.  
Metals: Iron, Zinc, Copper, Lead and Manganese: absent.

Bacteriological Results.

Number of colonies( 1 day at 37°C: 2 days at 37°C: 3 days at 20-22°C:  
developing on Agar(  
( 0 per ml. 1 per ml. 1 per ml.

|                               | <u>Present in</u> | <u>Absent from</u> | <u>Probable number</u> |
|-------------------------------|-------------------|--------------------|------------------------|
| Presumptive Coliform reaction | - ml              | 100 ml.            | 0 per 100 ml.          |
| Bact. Coli. (Type 1)          | - ml              | 100 ml.            | 0 per 100 ml.          |
| Cl. Welchii reaction          | 100ml.            | 10 ml.             |                        |

This sample is practically clear and bright in appearance, has a reaction on the alkaline side of neutrality and is free from metals. The water is moderately hard in character and contains no excess of mineral or saline constituents in solution. Its organic quality and bacterial purity are of a high standard.

These are satisfactory results indicating a pure and wholesome water suitable for public supply purposes.

### SEWERAGE:

Almost from the commencement the Stony Lane Works have shown evidence of overloading, due in the main to the rapid rise in our population and to the general increase in the consumption of water. It is apparent that extensions to the Works will have to be constructed as soon as possible not only to cope with our existing population but also to receive sewage from further areas of the adjoining Rural District. In spite of the overloading it has been possible to maintain the Works in an efficient state by balancing the flows through the Works over the 24 hours by the use of the storm water tanks. This, however, is a temporary expedient which should tide us over until extensions are built.

Plans were completed for the new sewers from Smugglers Lane to Somerford Bridge, and consents obtained. Work commenced early in 1963.

The Jumpers scheme is in the course of preparation. The position at Mudeford is unchanged.

The newly sewered area of Burton and Winkton in the Rural District was connected to the Stony Lane Works towards the end of the year.

### FOOD AND FOOD PREMISES:

The normal routine inspections of food premises have continued and as in previous years we have received complete co-operation from the food traders.

There is a tendency for the public to be increasingly critical of food premises, and this is a useful trend. More complaints of unsound food are brought to notice, not it is believed because there is more of it, but on account of the changing public attitude.

Six successful prosecutions were undertaken in respect of a variety of food offences.

## HOUSING:

231 private houses were built during the year as compared with 226 in 1961. In addition, 24 dwellings were constructed for old people by the Christchurch Old People's Welfare and Housing Society. Council construction completed consisted only of 8 houses.

The following details relating to housing accommodation and the current waiting list have been kindly supplied by the Housing Officer - Mr. A.G. Head.

Families housed in                      55  
Council accommodation

There were 277 applicants on the housing list, made up as follows:-

| <u>No. in family</u> | <u>No. of applicants</u> | <u>Total personnel</u> |
|----------------------|--------------------------|------------------------|
| 1                    | 31                       | 31                     |
| 2                    | 88                       | 176                    |
| 3                    | 111                      | 333                    |
| 4                    | 29                       | 116                    |
| 5                    | 14                       | 70                     |
| 6                    | 3                        | 18                     |
| 7                    | 1                        | 7                      |
|                      | <u>277</u>               | <u>751</u>             |

Applicants for Old People's Dwellings are included in the above viz.

Strete Mount      10  
Sydney Road        5  
Gordon Mount      12

Applicants on General List

|             |             |             |
|-------------|-------------|-------------|
| <u>1960</u> | <u>1961</u> | <u>1962</u> |
| 256         | 254         | 277         |

### PROBLEM FAMILIES MEETINGS:

Voluntary workers and officials concerned with certain difficult families again met twice to discuss their problems and co-ordinate their efforts. The number of relevant families continues to decrease though a hard core remains and from time to time fresh problems arise. It is felt that the meetings fulfil a useful purpose, and their frequency can be increased at any time if the situation warrants.

### NATIONAL ASSISTANCE ACT, 1948: SECTION 47:

One old man was considered for action under the above section, but it proved possible to persuade him to enter hospital with a view to treatment, prior to entry to an Old People's Home. Unfortunately he died in hospital.

### GENERAL REMARKS:

The health of the Borough was satisfactory throughout the year.

The incidence of notifiable disease was extremely low.

The estimated mid-year population increased by 530 to 26,640. As deaths exceeded births by 65 the increase is entirely by immigration.

The birth rate fell for the fourth successive year, and even after allowance is made for the age and sex distribution of the population, it is far below the national average.

The infant mortality rate was one of the lowest ever recorded.

The death rate rose and after correction was still considerably higher than the national figure.

Deaths from lung cancer fell.

I wish again to express my gratitude to the Mayor and Members of the Council for their continued interest and encouragement, my colleagues in other departments for their advice and assistance, and Mr. Friend and his staff for their industry and loyal co-operation.

D.J.N.McNAB

Medical Officer of Health

July 1963.

BOROUGH OF CHRISTCHURCH

R E P O R T

OF THE

CHIEF PUBLIC HEALTH INSPECTOR

AND

CLEANSING SUPERINTENDENT

FOR THE YEAR

1962

TO THE MAYOR, ALDERMEN AND COUNCILLORS  
OF THE BOROUGH OF CHRISTCHURCH.

Mr. Mayor, Ladies and Gentlemen,

I have pleasure in submitting to you my Annual Report for 1962, my twenty-second as your Chief Public Health Inspector. In it is given a brief outline of the work of the department and reference is made to some of the problems met with during the year.

For a number of years there has been a steady increase in the population which is now 26,640, an increase of 530 over the previous year.

The number of properties has also increased, mainly in Highcliffe and Mudeford, 263 having been erected.

Because of the increase in the number of properties, and the difficulty in obtaining labour for this class of work, the collection of refuse has suffered a setback, and it has not been possible to maintain the regular weekly collection which was for so many years a feature of the service.

Reference to this matter is made later in the report.

HOUSING - RECONDITIONING:

Although the standard of housing in this area is reasonably good, very many properties lack facilities considered essential to the well-being of the occupants. Quite a number are without bath, lavatory basin and hot water supply, all matters that cannot be demanded of owners as the law stands at present.

True, grants are available to assist in the provision of these facilities, but the number of applications for these grants is low in relation to the number requiring modernisation.

The Government have this matter very much in mind, and it is thought that new regulations are now being considered.

Meanwhile, your Inspectors, with the co-operation of the owners, do their utmost to ensure that houses of this type are kept in a reasonable state of repair.

22 were dealt with informally. 1 was the subject of a Formal Notice.

#### HOUSING - OVERCROWDING:

Whereas years ago the term "overcrowding" was used to denote lack of adequate living space, today almost any family without separate accommodation considers itself overcrowded and many seek the support of the department in their application for rehousing.

Records maintained in the department lead me to believe that there is little or no serious overcrowding, and I am satisfied that the Council do all they can to rehouse families living under difficult conditions.

As and when possible, your Inspectors continue the survey of houses to ascertain "permitted numbers", 187 having been inspected during the year.

#### INSPECTION OF FOOD PREMISES:

Unfortunately, one hears from time to time of outbreaks of food poisoning or infectious disease traceable to some article of food which had been either improperly stored or handled by some person who had not paid sufficient attention to personal hygiene. This avoidable suffering is to be deprecated, and it is one of the duties of your Inspectors to warn of these dangers and advise food handlers of the steps to be taken to avoid outbreaks of this nature, and ensure compliance with the Food Hygiene Regulations, with particular reference to the cleanliness of hands and clothing. Attention is also drawn to the requirements of Section 9 of the Regulations which, inter alia,

prohibits the use of tobacco while handling open food or in a room in which there is open food.

Fortunately, the traders are conscious of their obligations and do their utmost to ensure the quality of their goods. There are times, however, where turnover of vulnerable articles of food is overlooked, resulting in deterioration of the product.

Repeated reference to food hygiene in the Press and Radio has the effect of making the public "hygiene conscious", and if in doubt as to the fitness of the food, they seek the advice of the department. This procedure resulted in a number of successful prosecutions during the year.

The number of food premises is now 269. This does not include hotels and clubs. The breakdown is as under:-

|                                 |    |
|---------------------------------|----|
| Grocers .....                   | 64 |
| Greengrocer and Fruiterer ..... | 32 |
| Baker and Confectioner .....    | 12 |
| Sweets .....                    | 39 |
| Fishmonger and Fryer .....      | 12 |
| Butcher .....                   | 18 |
| Cafe and Restaurant .....       | 43 |
| Works and School Canteens ..... | 22 |
| Licensed Premises .....         | 27 |

271 premises are registered under Section 16 of the Food and Drugs Act. They are as follows:-

|     |                                                                                   |
|-----|-----------------------------------------------------------------------------------|
| 173 | are registered for the sale of ice cream                                          |
| 2   | are registered for the storage of ice cream                                       |
| 42  | are registered for the preparation of<br>sausages, cooked meats and pickled meats |
| 1   | is registered for the manufacture of<br>sausages and cooked and preserved meats   |
| 11  | are registered for the preparation of fish<br>by any process of cooking           |
| 42  | premises registered for the purpose have<br>discontinued the sale of ice cream    |

## FOOD INSPECTION:

The following is a list of foods found to be unfit for human consumption. The articles were voluntarily surrendered, and other than meat which was disposed of to manufacturers of animal feeding stuffs, all were disposed of in the refuse tip.

|          |                         |
|----------|-------------------------|
| 747 lbs. | Meat                    |
| 250 tins | Meat                    |
| 30 lbs.  | Offal                   |
| 46 lbs.  | Sausages                |
| 10 lbs.  | Jam                     |
| 112 lbs. | Bacon                   |
| 19 doz.  | Pork Pies               |
| 131 tins | Fruit                   |
| 7 tins   | Fish                    |
| 118 tins | Vegetables              |
| 6 tins   | Salmon and Potato Salad |
| 12 lbs.  | Fish                    |
| 1 tin    | Spaghetti               |
| 17 tins  | Milk                    |
| 5 tins   | Miscellaneous Foods     |

## SAMPLING - FOOD AND DRUGS ACT:

The sampling of food for adulteration is undertaken by the County Council. Their Chief Inspector, Mr. J.S. Preston, has very kindly furnished me with particulars of samples taken in the borough during the year. His report is reproduced hereunder:-

"I beg to report that during the year ended the 31st March, 1963, 51 samples were procured under the Food and Drugs Act, 1955, within the Borough of Christchurch.

### Milk Samples

35 samples of milk were obtained and it is pleasing to be able to report that all were found to be satisfactory.

### Miscellaneous Samples

16 samples of articles other than milk were procured and 2 of these were the subject of adverse reports. Both were samples of pork sausages, found upon analysis to be slightly deficient of the normal minimum meat content of 65 per cent. Although there is no official standard for these products, action has successfully been taken under the general provisions of the Act where a substantial deficiency of meat was involved.

The discrepancies in the 2 samples referred to were only small - not exceeding 4 per cent - but the producers were advised to increase the proportion of meat used.

### General

Attention was, as usual, given to the provisions of the Labelling of Food Order and the Pharmacy and Medicines Act, with regard to their application to the labelling and descriptions of food and drugs, during inspection visits to traders and by reference to advertisements."

### MILK SUPPLY:

For some years the number of persons retailing milk remained constant. Of late years many applications to be registered as "Distributors of Milk" have been made, and the number has risen from 33 in 1954 to 79 during the year under review.

Supervision of the production and bottling of milk is not the responsibility of this Council. Production is supervised by officers specially appointed for the purpose, and bottling of all milk consumed in Christchurch is done in adjoining districts. Therefore, your Inspectors are concerned solely with storage and distribution, which are satisfactory.

The following table shows the number of dairies and persons registered as distributors and the number and type of licences granted.

|                                                                         |    |
|-------------------------------------------------------------------------|----|
| Number of distributors of milk .....                                    | 79 |
| Number of dairies on register .....                                     | 3  |
| Dealers licensed to use the designation<br>Tuberculin Tested Milk ..... | 25 |
| Dealers licensed to use the designation<br>Pasteurised Milk .....       | 70 |
| Dealers licensed to use the designation<br>Sterilised Milk .....        | 22 |

#### ICE CREAM:

248 samples were submitted to the Public Health Laboratory. These samples are subjected to the Methylene Blue Test and the grading is dependent upon the time taken to decolorise the Methylene Blue. Grades 1 and 2 are considered satisfactory. Grades 3 and 4 are suspect and call for investigation.

Though not always so, most of the samples graded 3 or 4 are from bulk containers, and there is little doubt that contamination occurs at the retailers' premises.

The retailers concerned are interviewed by your Inspectors who endeavour to trace the source of contamination and offer advice on methods of storage and handling. Repeat samples usually show an improvement.

The samples tested during the year were graded as shown hereunder:-

|               |     |
|---------------|-----|
| Grade 1 ..... | 191 |
| Grade 2 ..... | 40  |
| Grade 3 ..... | 14  |
| Grade 4 ..... | 4   |

#### DRAINAGE:

Development on quite a large scale continues, particularly in the Highcliffe and Mudeford districts, mostly on an estate basis. This form of development does not give rise to problems as sewers and drains are laid by the developers.

Occasionally, properties are constructed in areas where sewers are not available. Drainage in such cases is to cesspools or septic tanks.

A number of older properties in the more remote areas have bucket latrines, the contents being buried in the garden.

The number not draining to sewers, and the facilities available are:-

|                                |    |
|--------------------------------|----|
| Draining to Septic Tanks ..... | 92 |
| Draining to Cesspools .....    | 56 |
| Bucket Latrines .....          | 30 |

#### CARAVAN SITES:

The Caravan Sites and Control of Development Act gives local authorities a good deal of control over this form of development and lays down standards in relation to such matters as roads, sanitary accommodation, the condition of and distance between caravans and the general maintenance of sites.

This type of holiday is very popular, due in no small measure to the absence of petty restrictions and to the freedom to come and go at will.

Apart from vans used for holidays, many are occupied all the year and are in fact permanent homes. Many have all the necessary modern conveniences and most are sited on enclosed plots with well maintained gardens.

There are 26 licensed sites with a total permitted number of 1,010 caravans, of which 211 are permanently occupied.

#### PET ANIMALS ACT:

Three persons are licensed to keep a Pet Shop. The conditions under which pets are permitted to be exposed for sale are those agreed with the R.S.P.C.A. Your Inspectors make periodical inspections to ensure compliance.

## PUBLIC CLEANSING:

### (a) Refuse Collection.

From a health standpoint, this is one of the most essential public services, and householders expect, and in fact demand, that collection should be at regular weekly intervals.

For very many years I was able to maintain a regular service, the willingness of the men to work overtime to make up deficiencies in labour making this possible. The stage has now been reached where due to the continued increase in the number of properties to be served and to shortage of labour occasioned by holidays and sickness, it is no longer possible to maintain this regularity.

For some years, a considerable amount of overtime has had to be worked. This had beneficial results in so far as the department is concerned. On the other hand, it resulted in the men having but little time to devote to their families and they have asked to be relieved of this burden and will in future work only such overtime as is necessary to cover Bank Holidays.

This decision, coupled with shortage of labour due to holidays and sickness, has resulted in the breakdown of the service, collection now being quite irregular. This uncertainty as to the day and time of collection creates problems for householders and makes control difficult.

The Council are aware of these difficulties, and with a view to finding a solution to this problem, a Work Study has been made by a firm of Consultants. Their report has been received and the recommendations made therein are to be put into effect in the near future.

It is hoped that the suggested re-organisation will result in the resumption of a regular weekly service.

It is well known that as living standards improve, there is a change in the nature and quantity of refuse; and as more and more goods are being prepacked, there is a decrease in weight, but a very considerable increase in volume.

For many years the standard  $2\frac{1}{2}$  cubic foot bin~~s~~ was adequate for the average household. In many cases this is no longer so, and surplus refuse is stored in drums, baths or cartons.

The increase in the number of loads collected confirms this trend. Whereas in 1961/62, 3,900 loads were brought to the tip, the number rose to 4,529 in 1962/63, an increase of 16.13%.

To overcome this problem, in part at least, I have been authorised to purchase a new lorry equipped to compress refuse. This should result in a saving of time and of wear and tear of the vehicle.

(b) Refuse Disposal.

All refuse is disposed of by controlled tipping. Disposal is on land at Rotten Row Meadows, land which is subject to flooding at certain periods.

Trial holes dug at a number of points have shown that a fair amount of soil is available. Bearing in mind the scarcity of good top soil, it is essential that as much as can be stripped should be set aside for future use.

Because of the boggy nature of the site, this work has to be done by contractors who have the necessary equipment, and the work has to be done during the dry season.

Some six acres have been reclaimed, but because of the nature of refuse it is not advisable to spread top soil until the material is finally consolidated. In order to ensure good consolidation, all large metal containers are extracted and disposed of to scrap merchants.

As there is little or no ash in refuse, primary cover has to be imported from other sources. At present, this is obtained from British Railways and consists of ash and clinker; some 848 tons were used during the year.

5540 loads of refuse and other materials were brought to the tip. The previous year the number was 4820.

(c) Staff.

19 men, including the foreman, are employed in the collection and disposal of refuse and baling of waste paper. Their duties are as follows:-

Foreman (driving most of the time); 4 drivers;  
11 loaders; 1 Loading Shovel driver; 1 tip  
attendant and 1 salvage packer.

Sickness and absenteeism - totalling 295 days -  
deprived me of the services of 1.14 men throughout the year.

(d) Transport.

Some years ago I submitted a report in which  
attention was drawn to the advantages of acquiring vehicles  
powered by diesel units. The advantages were thought to  
be (1) lower maintenance costs, (2) lower fuel consumption.

Records maintained in the department have enabled me  
to make close comparison between vehicles driven by petrol  
and those using diesel.

Two vehicles of identical capacity have given the  
following results:-

Petrol engine 4.05 miles per gallon.  
Cost per mile (fuel only) 10.7d.  
Diesel engine 10.72 miles per gallon.  
Cost per mile (fuel only) 4.16d.

The fore and aft lorries, both of which are fitted  
with diesel engines, and have a much larger carrying  
capacity, have given an average of 8.75 miles per gallon  
at a cost (fuel only) of 5.1d.

There is no doubt that diesel engines, though more  
expensive to buy, are cheaper to run and are trouble free  
over very long periods.

The vehicles in use by the department are:-

|                                                |              |
|------------------------------------------------|--------------|
| 2 Shelvoke and Drewry Fore and Aft Tippers ... | 7 years old  |
| 1 Shelvoke and Drewry Side Loader .....        | 12 years old |
| 1 Dennis Side Loader .....                     | 16 years old |
| 1 Bedford Side Loader .....                    | 20 years old |
| 1 Karrier Side Loader .....                    | 2 years old  |
| 1 Weatherill Loading Shovel .....              | 1 year old   |

## (e) Costs.

COST STATEMENT FOR THE YEAR 1962/63  
AS SUBMITTED TO THE MINISTRY OF  
HOUSING AND LOCAL GOVERNMENT

| Item | Particulars                                                 | Collection | Disposal | Totals | Percentage of total gross expenditure |
|------|-------------------------------------------------------------|------------|----------|--------|---------------------------------------|
|      | 1                                                           | 2          | 3        | 4      | 5                                     |
|      |                                                             | £          | £        | £      | %                                     |
|      | <u>REVENUE ACCOUNT</u>                                      |            |          |        |                                       |
| 1    | GROSS EXPENDITURE:                                          |            |          |        |                                       |
|      | (i) Labour                                                  | 8249       | 1639     | 9888   | 46                                    |
|      | (ii) Transport                                              | 6494       | 1619     | 8113   | 38                                    |
|      | (iii) Plant, equipment<br>land and<br>buildings             | 1254       | 1687     | 2941   | 14                                    |
|      | (iv) Other items                                            | 6          | 556      | 562    | 2                                     |
|      | (v) Total gross<br>expenditure                              | 16003      | 5501     | 21504  | 100                                   |
| 2    | GROSS INCOME                                                | 133        | 963      | 1096   | -                                     |
| 3    | NET COST                                                    | 15870      | 4538     | 20408  | -                                     |
| 4    | Capital expenditure<br>met from revenue<br>(included above) | -          | 309      | 309    |                                       |
|      | <u>UNIT COSTS</u>                                           |            |          |        |                                       |
|      |                                                             | s. d.      | s. d.    | s. d.  |                                       |
| 5    | Gross cost per ton,<br>labour only                          | 20. 11.    | 3. 4.    | 24. 3. |                                       |
| 6    | Gross cost per ton,<br>transport only                       | 16. 5.     | 3. 4.    | 19. 9. |                                       |
| 7    | Net cost (all<br>expenditure)<br>per ton                    | 40. 0.     | 9. 4.    | 49. 4. |                                       |
|      |                                                             | £          | £        | £      |                                       |
| 8    | Net cost per 1,000<br>population                            | 596.       | 170.     | 766.   |                                       |
| 9    | Net cost per 1,000<br>premises                              | 1643.      | 470.     | 2113.  |                                       |

### SALVAGE:

For a number of years two men were employed in sorting and baling paper and rags. As it was found difficult to obtain labour for refuse collection, one man was transferred to this service in 1961, leaving a partially-disabled man to continue this work.

Unfortunately, the demand for this material fluctuates, and at times it is difficult to dispose of.

Storage space at the depot is limited, and there are times when the surplus has to be disposed of in the tip. The quantity dealt with in this manner is carefully controlled to avoid unnecessary waste.

Financially, the scheme is self-supporting, but no great profit is available. The income for the year was £896., and the expenditure, excluding overheads, but including the cost of the electric baling press, £749.

The total tonnage, including metals, sold during the year was  $116\frac{1}{2}$  tons. The previous year it was  $197\frac{1}{2}$  tons.

### RODENT CONTROL:

It cannot be said that the degree of infestation is high, due in no small measure to the vigilance of your Rodent Operative and to the co-operation of the public who notify the department of infestations of which they are aware. This greatly facilitates the work of the department, and in order to retain the goodwill of the public, complaints are dealt with promptly.

In addition to his rodent control duties, Mr. Cox deals with the disinfection of verminous premises, and when required, the disinfection of bedding and clothing.

Details of inspections and premises treated are given below:-

|                                                   |      |
|---------------------------------------------------|------|
| Number of premises inspected .....                | 743  |
| Number of premises infested .....                 | 445  |
| Number of dwellings treated .....                 | 407  |
| Number of business premises treated .....         | 25   |
| Number of local authority premises treated .....  | 8    |
| TOTAL number of visits .....                      | 2291 |
| Estimated number of rats and mice destroyed ..... | 2137 |

## FACTORIES:

Matters relating to cleanliness, overcrowding, ventilation, etc., of factories without mechanical power, and the provision and maintenance of sanitary accommodation in all factories, whether or not mechanical power is used, are the responsibility of the local authority, and these duties are undertaken by the public health inspectors who made 288 inspections during the year.

In addition to inspection of factories, visits are also made to premises occupied by outworkers.

## SUMMARY:

The standard of housing in the borough is good.  
Food hygiene is at a satisfactory level.  
Rodent control is effective.  
Refuse collection is, at present, irregular.  
Atmospheric pollution presents no problem.

I wish to express my thanks to the Mayor and Members of the Council; to Dr. McNab and colleagues in other departments. My thanks also to the staff of my department for their loyalty and co-operation.

FRANCIS LE V. FRIEND.

Chief Public Health Inspector  
and Cleansing Superintendent.

"Stour Cottage",  
20, Barrack Road,  
Christchurch.

July, 1963.

T A B L E 1.

SUMMARY OF INSPECTIONS.

|                                         |      |
|-----------------------------------------|------|
| Housing Visits .....                    | 31   |
| Revisits .....                          | 162  |
| Housing Overcrowding .....              | 187  |
| Drainage Visits .....                   | 1076 |
| Revisits .....                          | 1216 |
| Nuisances .....                         | 124  |
| Revisits .....                          | 87   |
| Unsound food .....                      | 65   |
| Revisits .....                          | 51   |
| Food Premises .....                     | 373  |
| Revisits .....                          | 41   |
| Ice Cream .....                         | 65   |
| Revisits .....                          | 23   |
| Dairies, Cowsheds and Milkshops .....   | 23   |
| Revisits .....                          | 12   |
| Ice Cream Samples .....                 | 249  |
| Infectious diseases .....               | 4    |
| Verminous Premises .....                | 12   |
| Revisits .....                          | 13   |
| Factories .....                         | 259  |
| Revisits .....                          | 29   |
| Outworkers .....                        | 24   |
| School Canteens .....                   | 24   |
| Public Conveniences .....               | 117  |
| Vans, tents, etc., .....                | 69   |
| Camping Sites .....                     | 49   |
| Revisits .....                          | 30   |
| Shops (Shops Act) .....                 | 299  |
| Offices .....                           | 3    |
| Hawkers .....                           | 16   |
| Defective Refuse Bins .....             | 239  |
| Refuse Collection and Disposal .....    | 413  |
| Salvage .....                           | 53   |
| Closet Accommodation .....              | 5    |
| Pet Animals Act .....                   | 9    |
| Beaches .....                           | 1    |
| Unclassified .....                      | 112  |
| Rent Act .....                          | 1    |
| Water Samples .....                     | 13   |
| Places of entertainment inspected ..... | 1    |
| Rodent Control .....                    | 2291 |

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## T A B L E 2.

### RECORD OF NUISANCES ABATED AND WORK DONE

The following statement shows in detail work carried out under the supervision of the Department.

#### (a) DRAINAGE:

|                                                |      |
|------------------------------------------------|------|
| Number of new buildings drained .....          | 143  |
| Number of houses and premises redrained .....  | 3    |
| Repairs or amendments to existing drains.....  | 25   |
| Drains or gullies unstopped and cleansed ..... | 30   |
| Length in yards stoneware drainslaid .....     | 8503 |
| Manholes and covers provided .....             | 1180 |
| Intercepting traps fixed .....                 | 15   |
| New gully traps fixed .....                    | 486  |
| Soil pipes and vent shafts fixed .....         | 221  |
| Soil pipes and vent shafts repaired .....      | 9    |
| Water tests applied .....                      | 568  |
| Smoke tests applied .....                      | 170  |
| Cesspools abolished .....                      | 6    |
| Cesspools emptied .....                        | 12   |
| Septic tanks constructed .....                 | 4    |

#### (b) SANITARY CONVENIENCES AND FITTINGS:

|                                       |     |
|---------------------------------------|-----|
| New W.C. accommodation provided ..... | 110 |
| New W.C. apartments provided .....    | 120 |
| New W.C. pedestals provided .....     | 121 |
| W.C.'s cleansed and repaired .....    | 3   |
| New flushing cisterns provided .....  | 120 |
| Flushing cisterns repaired .....      | 2   |
| Baths provided .....                  | 86  |
| Sinks provided .....                  | 85  |
| Lavatory basins provided .....        | 113 |

#### (c) MISCELLANEOUS:

|                                         |    |
|-----------------------------------------|----|
| Roofs repaired .....                    | 11 |
| Eaves gutters renewed or repaired ..... | 10 |
| Damp walls remedied .....               | 23 |
| Yards repaired .....                    | 3  |
| Chimney stacks repaired .....           | 5  |
| Walls repaired .....                    | 15 |
| Ceilings repaired/renewed .....         | 14 |
| Walls replastered .....                 | 9  |
| Fireplaces repaired/renewed .....       | 3  |
| Floors of rooms relaid .....            | 2  |
| Floors of rooms repaired .....          | 9  |
| New windows provided .....              | 1  |

T A B L E 2. (continued)

|                                                    |     |
|----------------------------------------------------|-----|
| Windows repaired and/or made to open .....         | 22  |
| Rooms cleansed and redecorated .....               | 19  |
| Doors repaired or renewed .....                    | 2   |
| Ventilated food stores provided .....              | 5   |
| Staircases provided or repaired .....              | 4   |
| External paintwork .....                           | 4   |
| Handrails provided .....                           | 2   |
| Dustbins provided .....                            | 110 |
| Nuisance - Smoke (and fumes) .....                 | 2   |
| Nuisance - Animals .....                           | 1   |
| Nuisances - Accumulation of manure or refuse ..... | 4   |
| Rooms disinfected .....                            | 2   |
| Premises disinfested .....                         | 15  |

# T A B L E 3.

## COMPLAINTS RECEIVED

During the year 512 complaints were received as detailed below:-

|                                                 |       |
|-------------------------------------------------|-------|
| Rats and Mice .....                             | 248   |
| Food .....                                      | 62    |
| Insects .....                                   | 3     |
| Defective dustbin or absence of .....           | 145   |
| Smells .....                                    | 7     |
| Choked drains .....                             | 8     |
| Defective W.C., flush pipe or cistern .....     | 2     |
| Defective walls or ceilings .....               | 1     |
| Dampness .....                                  | 4     |
| Defective guttering or roof .....               | 3     |
| Defective chimney breast or chimney stack ..... | 3     |
| Cockroaches .....                               | -     |
| General defects .....                           | 2     |
| Fleas and bugs .....                            | 8     |
| Accumulation of refuse .....                    | 4     |
| Defective windows .....                         | 1     |
| Nuisance from smoke .....                       | 2     |
| Nuisance from animals or poultry .....          | 3     |
| Unsatisfactory domestic conditions .....        | 1     |
| Miscellaneous .....                             | 1     |
| Insanitary conditions - toilets .....           | 1     |
| Nuisance from noise .....                       | 3     |
|                                                 | <hr/> |
|                                                 | 512   |
|                                                 | <hr/> |

NUMBER OF NOTICES SERVED

Table 4 shows the action taken to secure the abatement of nuisances and the removal of conditions prejudicial to health.

T A B L E 4.

Number of Notices Served

| NOTICES   | OUTSTANDING<br>31.12.1961 | NUMBER<br>SERVED | COMPLIED<br>WITH | WORK DONE<br>BY L.A.<br>IN DEFAULT | OUTSTANDING<br>31.12.1962 |
|-----------|---------------------------|------------------|------------------|------------------------------------|---------------------------|
| Informal  | 7                         | 14               | 19               | -                                  | 2                         |
| Statutory | 1                         | 1                | 2                | -                                  | -                         |
| TOTAL:    | 8                         | 15               | 21               | -                                  | 2                         |

SUMMARY OF STATUTORY NOTICES SERVED:-

|                                     |   |     |
|-------------------------------------|---|-----|
| Section 75, Public Health Act, 1936 | - | Nil |
| Section 9, Housing Act, 1957        | - | 1.  |

FACTORIES ACT, 1937 to 1959

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

IN RESPECT OF THE YEAR 1962 FOR

THE BOROUGH OF CHRISTCHURCH IN THE COUNTY OF SOUTHAMPTON

Prescribed particulars on the administration of the  
Factories Act, 1937.

PART 1 OF THE ACT

1. INSPECTIONS for the purposes of provisions as  
to health (including inspections made by Public  
Health Inspectors).

| PREMISES:                                                                                                                  | No. on<br>Register | Number of   |                    |                         |
|----------------------------------------------------------------------------------------------------------------------------|--------------------|-------------|--------------------|-------------------------|
|                                                                                                                            |                    | Inspections | Written<br>Notices | Occupiers<br>prosecuted |
| (1) Factories in which<br>Sections 1, 2, 3, 4<br>and 6 are to be<br>enforced by Local<br>Authorities .....                 | 8                  | 24          | -                  | -                       |
| (2) Factories not<br>included in (1) in<br>which Section 7 is<br>enforced by the<br>Local Authority ...                    | 119                | 263         | -                  | -                       |
| (3) Other premises in<br>which Section 7 is<br>enforced by the<br>Local Authority<br>(excluding out-<br>workers' premises) | -                  | -           | -                  | -                       |
| TOTAL .....                                                                                                                | 127                | 287         | -                  | -                       |

2. CASES IN WHICH DEFECTS WERE FOUND

| PARTICULARS:                                                                | No. of cases in which defects were found |          |                   |                   | No. of cases in which prosecutions were instituted: |
|-----------------------------------------------------------------------------|------------------------------------------|----------|-------------------|-------------------|-----------------------------------------------------|
|                                                                             | Found                                    | Remedied | Referred:         |                   |                                                     |
|                                                                             |                                          |          | To H.M. Inspector | By H.M. Inspector |                                                     |
| Want of Cleanliness (S.1)                                                   | -                                        | -        | -                 | -                 | -                                                   |
| Overcrowding (S.2)                                                          | -                                        | -        | -                 | -                 | -                                                   |
| Unreasonable temperature (S.3)                                              | -                                        | -        | -                 | -                 | -                                                   |
| Inadequate ventilation (S.4)                                                | -                                        | -        | -                 | -                 | -                                                   |
| Ineffective drainage of floors (S.6)                                        | -                                        | -        | -                 | -                 | -                                                   |
| Sanitary Conveniences (S.7)                                                 |                                          |          |                   |                   |                                                     |
| (a) Insufficient                                                            | 4                                        | 4        | -                 | -                 | -                                                   |
| (b) Unsuitable or defective                                                 | 5                                        | 6        | -                 | -                 | -                                                   |
| (c) Not separate for sexes                                                  | -                                        | -        | -                 | -                 | -                                                   |
| Other offences against the Act (not including offences relating to Outwork) | 1                                        | 1        | -                 | 1                 | -                                                   |
| TOTAL .....                                                                 | 10                                       | 11       | -                 | 1                 | -                                                   |

PART VIII OF THE ACT

OUTWORK

(Sections 110 and 111)

| NATURE OF WORK                  | Section 110                                                       |                                                         |                                                 | Section 111                                      |                |              |
|---------------------------------|-------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------------------------------|----------------|--------------|
|                                 | No. of out-workers in August list required by Section 110 (1) (c) | No. of cases of default in sending lists to the Council | No. of prosecutions for failure to supply lists | No. of instances of work in unwholesome premises | Notices Served | Prosecutions |
| Plastics - Fancy Goods          | 15                                                                | -                                                       | -                                               | -                                                | -              | -            |
| Curtains and furniture hangings | -                                                                 | -                                                       | -                                               | -                                                | -              | -            |
| TOTAL                           | 15                                                                | -                                                       | -                                               | -                                                | -              | -            |